Kaksha

Date of Event: 14 November 2025

School of Computer Science

Table of Contents

1.0. Introduction

The Alumni Relations Office inaugurated the first session of Kaksha, a new initiative that invites UPES alumni back into the classroom as subject experts, with an engaging and industry-led lecture by Mr. Anupam Maheshwari (B.Tech CSE – Mainframe Technology, 2015). Currently serving as Director – AI/ML at V4C.ai, Mr. Maheshwari conducted a session for the AIML students on Essential Scientific Developments in Transformers for LLMs. His session marked a powerful beginning to Kaksha, demonstrating how alumni knowledge can bridge academic learning with real-world technological advancements and inspire students through lived industry experience.

2.0. Guests/ Speaker/ Visitor Details

S.No.	Name	Designation	Organization/ Institution
1	Mr. Anupam Maheshwari	Director	V4C.ai
2	Mr. Rajiv Nandwani	Senior Director – SoCS	UPES
3	Mr. Virender Kadyan	Senior Associate Professor - SoCS	UPES
4	Mr. Pankaj Badoni	Associate Professor – SoCS	UPES
5	Mr. Abhijit Kumar	Senior Associate Professor - SoCS	UPES
6	Mr. Vishal Sharma	Assistant Professor - Senior Scale	UPES
7	Ms. Sugandha Sharma	Assistant Professor - Senior Scale	UPES
8	Mr. Uday Kumar Murali	Associate Professor - SoCS	UPES

3.0. Major Take Aways

- **Industry-Driven Understanding of LLMs:** Students gained clarity on how Large Language Models are built, scaled, and optimized using transformer architectures widely used in today's AI applications.

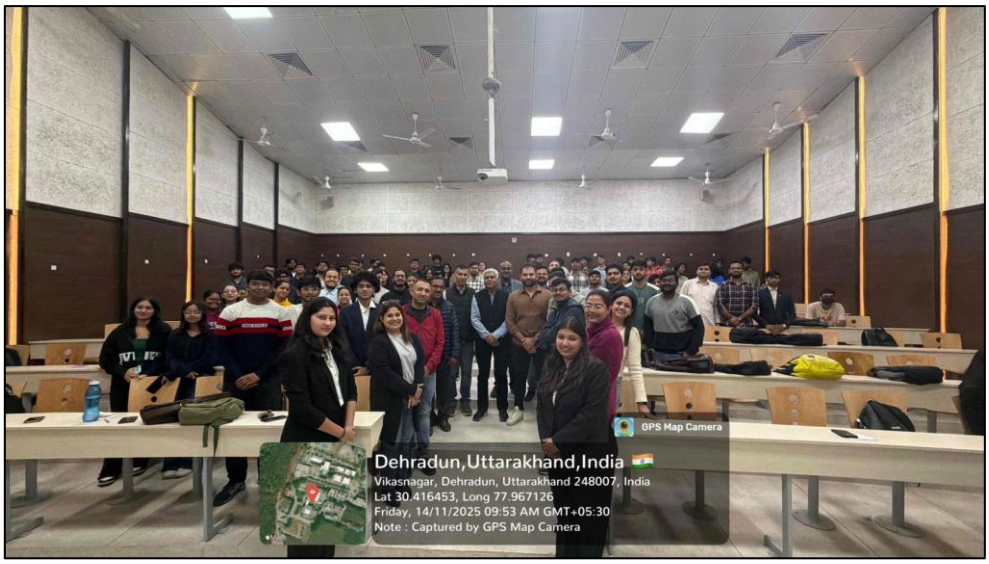
- **Scientific Advancements Behind Transformers:** The session broke down core scientific developments such as positional encoding, attention mechanisms, and parameter scaling, that shape modern transformer models.

- **Bridging Theory with Real-World Use Cases:** Mr. Maheshwari illustrated how transformers power practical tools like generative chatbots, search engines, and enterprise AI solutions, helping students connect classroom learning with industry applications.

• **Evolving Skill Expectations in AI:** Students received insights on emerging skill sets required in AI, including mathematical modeling, data optimization, and applied machine learning, preparing them for industry demands.

• **Inspiration from Alumni Experience:** Hearing from a UPES alumnus who works in a leadership role in AI offered motivation and perspective, showcasing career pathways that stem from a strong foundation in the classroom.

4.0. Geotagged Photo



5.0. Annexures (to be attached along with report)

5.1. Brochure of Event

5.2. Attendance sheet

5.3. Participants' Feedback